

08-27-2003



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PATENTS ONLY

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Form PTO-595
(Rev. 10/92)

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kalin Spariosu
Milton Birnbaum

8-21-03

2. Name and address of receiving party(ies)

Name: Raytheon Company, a Delaware Corp.

Internal Address: Office of the General Counsel

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: 141 Spring Street

City: Lexington State: MA Zip: 02421

Execution Date: 08/18/2003

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 10/429,102

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: RAYTHEON COMPANY

Internal Address: Intellectual Property & Lic.

P.O. Box 902, (EO/EO4/N119)

Street Address: 2000 E. El Segundo Blvd.

City: El Segundo State: CA Zip: 90245-0902

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-0616

DO NOT USE THIS SPACE

9. Signature.

Colin M. Raufer, 40,781

Name of Person Signing

Colin M. Raufer
Signature

August 18, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 03

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

08/26/2003 GT0N11 00000164 500616 10429102

01 FC:8021 40.00 DA

ASSIGNMENT

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) **EYE-SAFE SOLID STATE LASER SYSTEM AND METHOD** for which application for Letters Patent of the United States has been executed by me on or before this day, or (if the following is completed) filed on May 1, 2003, as Serial No. 10/429,102; and

WHEREAS, RAYTHEON COMPANY, (hereinafter referred to as Raytheon), a Delaware Corporation, having its principal place of business in Lexington, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON, its successors, assigns or other legal representatives.

Raytheon

ASSIGNMENT
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PD-02W147

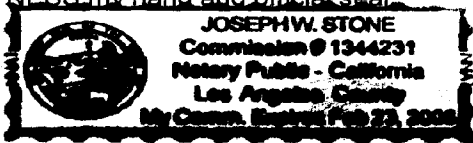
IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR KALIN SPARIOSU	INVENTOR'S SIGNATURE <i>Kalin Spariosu</i>	DATE 8-18-03
RESIDENCE (CITY AND STATE) THOUSAND OAKS, CALIFORNIA		INVENTION AGREEMENT DATE June 4, 2001

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS:
On AUGUST 18, 2003 before me, JOSEPH W. STONE
a Notary Public in and for said State, personally appeared KALIN SPARIOSU

personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



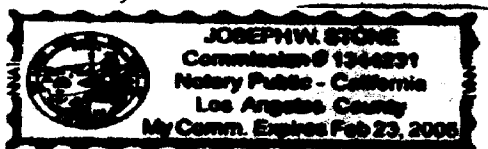
Notary Public *Joseph W. Stone*

FULL NAME OF SOLE OR JOINT INVENTOR MILTON BIRNBAUM	INVENTOR'S SIGNATURE <i>Milton Birnbaum</i>	DATE 8-18-03
RESIDENCE (CITY AND STATE) RANCHO PALOS VERDES, CALIFORNIA		INVENTION AGREEMENT DATE October 10, 2001

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS:
On AUGUST 18, 2003 before me, JOSEPH W. STONE
a Notary Public in and for said State, personally appeared MILTON BIRNBAUM

personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public *Joseph W. Stone*